

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$ or US-20030233886-\$ or US-20030053516-\$ or US-20020092340-\$ or US-20020064649-\$ or US-20020029900-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-\$ or US-5877411-\$ or US-5559291-\$).did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$ or US-7254990-\$ or US-6575020-\$ or US-6490911-\$ or US-6047590-\$ or US-4760351-\$ or US-6176131-\$ or US-4945634-\$ or US-6389690-\$ or US-6082894-\$ or US-5959247-\$ or US-4602498-\$).did. or (DE-19507786-\$ or WO-9801739-\$).did. or (JP-04297992-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/04 05:24
L2	7	1 and (tine fork) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:25
L3	11	1 and piezoelectric same (quartz lithium adj niobate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:36

L4	1	1 and piezoelectric same (quartz lithium adj niobate) same (tine fork) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:52
L5	3	1 and piezoelectric same (tine fork) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:52
L6	140	Matsiev.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:53
L7	11	L6 and packag\$3 and flex \$3 adj resonator and ("ASIC" integrated adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:53
L8	328	(73/54.24-54.27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:54
L9	10	L8 and ("ASIC" integrated adj circuit) same (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:54
L10	2	L8 and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:54
L11	161	(73/54.24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L12	105	(73/24.05).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L13	563	(73/32A).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L14	127	(73/54.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L15	49	(73/54.26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55

L16	249	(73/54.41).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L17	105	(73/24.05).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L18	264	(73/30.01).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L19	784	(73/32R).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:55
L20	48	(L11 L12 L13 L14 L15 L16 L17 L18 L19) and (protect \$3 near3 (cover\$3 layer\$3 sheath\$3 shell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:55
L21	245530	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/01/04 05:56
L22	18	L21 and faraday adj (cage sheild) and (sensor transducer) with (resonator vibration\$2 flexural)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 05:56
L23	6	(L11 L12 L13 L14 L15 L16 L17 L18 L19) and piezoelectric same (quartz lithium adj niobate) same (tine fork) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/04 06:18
S1	236309	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/25 14:56
S2	0	"550075.ap",	US-PGPUB	OR	ON	2008/06/25 14:57
S3	0	"550075.ap"	US-PGPUB	OR	ON	2008/06/25 14:57
S4	2	"550075".ap.	US-PGPUB	OR	ON	2008/06/25 14:57
S5	0	("2007/0052970").URPN.	USPAT	OR	ON	2008/06/25 14:57
S6	135	Matsiev.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 15:45

S7	7	S6 and packag\$3 and flex\$3 adj resonator and ("ASIC" integrated adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 15:50
S8	7	S7 and packag\$3 and flex\$3 adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 15:52
S9	19	("20020178805"   "20040107055"   "20050145019"   "5586445"   "5708191"   "5741961"   "5886250"   "6044694"   "6082180"   "6082181"   "6182499"   "6223589"   "6311549"   "6336353"   "6393895"   "6401519"   "6494079"   "6845663"   "6873916"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/25 15:54
S10	1	S1 and packag\$3 and flex\$3 adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter) not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 15:55
S11	236309	S1 flex\$3 adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter) not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 16:11
S12	1	S1 and flex\$3 adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter) not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 16:13

S13	1	flex\$3 adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter) not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 16:13
S14	14	S1 and (cantilever tuning adj fork) adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter) not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/25 16:20
S15	7	US-6269686-\$.DID. OR US-5243756-\$.DID. OR US-6494079-\$.DID. OR US-5918364-\$.DID. OR US-5644273-\$.DID. OR US-20020120296-\$.DID. OR US-6498043-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/25 16:26
S16	2	("2004/0250622").URPN.	USPAT	OR	ON	2008/06/26 08:57
S17	236400	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 09:01
S18	135	Matsiev.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:01
S19	7	S18 and packag\$3 and flex \$3 adj resonator and ("ASIC" integrated adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:01
S20	7	S19 and packag\$3 and flex \$3 adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:01

S21	14	S17 and (cantilever tuning adj fork flexural) adj resonator and ("ASIC" integrated adj circuit) and (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter) not S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:01
S22	313	(73/54.24-54.27).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/26 09:02
S23	9	S22 and ("ASIC" integrated adj circuit) same (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:08
S24	1	S22 and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:08
S25	440	S17 and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:32
S26	137	S25 and ("ASIC" ) same (temperature near3 (sensor transducer sensing adj element detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:33
S27	149	S25 and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect\$3)) and (vibrating vibrational flexural vibration cantilever resonator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 09:41
S28	149	S25 and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect\$3)) and (vibrating vibrational flexural vibration cantilever resonator fork )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 10:00

S29	150	S25 and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect\$3)) and (vibrating vibrational flexural vibration cantilever resonator vibrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 10:10
S30	1	S29 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 10:11
S31	15	US-20020194906-\$.DID. OR US-20020178805-\$.DID. OR US-20020178787-\$.DID. OR US-20020162385-\$.DID. OR US-20020148529-\$.DID. OR US-20020137348-\$.DID. OR US-20020121132-\$.DID. OR US-20030119060-\$.DID. OR US-20030118078-\$.DID. OR US-20030116497-\$.DID. OR US-20020113596-\$.DID. OR US-20020092340-\$.DID. OR US-20030083825-\$.DID. OR US-20020074897-\$.DID. OR US-20020070841-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:27
S32	33	US-20020068488-\$.DID. OR US-20020064649-\$.DID. OR US-20030062910-\$.DID. OR US-20030041659-\$.DID. OR US-20030041653-\$.DID. OR US-20010010174-\$.DID. OR US-20030000291-\$.DID. OR US-3273377-\$.DID. OR US-3710275-\$.DID. OR US-3718032-\$.DID. OR US-3762197-\$.DID. OR US-3778757-\$.DID. OR US-3902365-\$.DID. OR US-3903732-\$.DID. OR US-3921622-\$.DID. OR US-3926271-\$.DID. OR US-4103224-\$.DID. OR US-4145922-\$.DID. OR US-4312228-\$.DID. OR US-4342936-\$.DID. OR US-4349881-\$.DID. OR US-4361026-\$.DID. OR US-4370662-\$.DID. OR US-4391338-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:27

		DID. OR US-4526480-\$. DID. OR US-4535620-\$. DID. OR US-4543829-\$. DID. OR US-4549427-\$. DID. OR US-4596697-\$. DID. OR US-4602505-\$. DID. OR US-4624129-\$. DID. OR US-4644803-\$. DID.				
S33	32	US-4696181-\$.DID. OR US-4721874-\$.DID. OR US-4729237-\$.DID. OR US-4734609-\$.DID. OR US-4741200-\$.DID. OR US-4760351-\$.DID. OR US-4767719-\$.DID. OR US-4779451-\$.DID. OR US-4782332-\$.DID. OR US-4783987-\$.DID. OR US-4802370-\$.DID. OR US-4802384-\$.DID. OR US-4812698-\$.DID. OR US-4862384-\$.DID. OR US-4890480-\$.DID. OR US-4893496-\$.DID. OR US-4904978-\$.DID. OR US-4910523-\$.DID. OR US-4922745-\$.DID. OR US-4970492-\$.DID. OR US-5006845-\$.DID. OR US-5179028-\$.DID. OR US-5191791-\$.DID. OR US-5201215-\$.DID. OR US-5204529-\$.DID. OR US-5224174-\$.DID. OR US-5235844-\$.DID. OR US-5253530-\$.DID. OR US-5283037-\$.DID. OR US-5296374-\$.DID. OR US-5306644-\$.DID. OR US-5325704-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:30
S34	32	US-5332961-\$.DID. OR US-5334900-\$.DID. OR US-5338416-\$.DID. OR US-5357964-\$.DID. OR US-5361632-\$.DID. OR US-5375470-\$.DID. OR US-5421190-\$.DID. OR US-5434650-\$.DID. OR US-5435170-\$.DID. OR US-5445008-\$.DID. OR US-5454045-\$.DID. OR US-5455475-\$.DID. OR US-5464509-\$.DID. OR US-5469369-\$.DID. OR US-5477726-\$.DID. OR US-5488866-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:31



		5524477-\$.DID. OR US- 5524636-\$.DID. OR US- 5531091-\$.DID. OR US- 5533402-\$.DID. OR US- 5571401-\$.DID. OR US- 5604441-\$.DID. OR US- 5622223-\$.DID. OR US- 5653939-\$.DID. OR US- 5661233-\$.DID. OR US- 5670709-\$.DID. OR US- 5698089-\$.DID. OR US- 5705399-\$.DID. OR US- 5734098-\$.DID. OR US- 5741961-\$.DID. OR US- 5744902-\$.DID. OR US- 5770038-\$.DID.				
S35	32	US-5776359-\$.DID. OR US- 5777210-\$.DID. OR US- 5789665-\$.DID. OR US- 5792938-\$.DID. OR US- 5798452-\$.DID. OR US- 5818731-\$.DID. OR US- 5827952-\$.DID. OR US- 5852229-\$.DID. OR US- 5885849-\$.DID. OR US- 5889351-\$.DID. OR US- 5915499-\$.DID. OR US- 5918354-\$.DID. OR US- 5959297-\$.DID. OR US- 5985356-\$.DID. OR US- 6023961-\$.DID. OR US- 6034775-\$.DID. OR US- 6041642-\$.DID. OR US- 6044694-\$.DID. OR US- 6126311-\$.DID. OR US- 6151123-\$.DID. OR US- 6155098-\$.DID. OR US- 6157449-\$.DID. OR US- 6175409-\$.DID. OR US- 6176323-\$.DID. OR US- 6182499-\$.DID. OR US- 6223589-\$.DID. OR US- 6247354-\$.DID. OR US- 6260407-\$.DID. OR US- 6260408-\$.DID. OR US- 6265226-\$.DID. OR US- 6269686-\$.DID. OR US- 6275137-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:33

S36	32	US-6286363-\$.DID. OR US-6294388-\$.DID. OR US-6296771-\$.DID. OR US-6306358-\$.DID. OR US-6311549-\$.DID. OR US-6327890-\$.DID. OR US-6336353-\$.DID. OR US-6371640-\$.DID. OR US-6393895-\$.DID. OR US-6401519-\$.DID. OR US-6406632-\$.DID. OR US-6407479-\$.DID. OR US-6412131-\$.DID. OR US-6441716-\$.DID. OR US-6456096-\$.DID. OR US-6459995-\$.DID. OR US-6494079-\$.DID. OR US-6507945-\$.DID. OR US-6509749-\$.DID. OR US-6511915-\$.DID. OR US-6519034-\$.DID. OR US-6535001-\$.DID. OR US-6536634-\$.DID. OR US-6545392-\$.DID. OR US-6557396-\$.DID. OR US-6564126-\$.DID. OR US-6622968-\$.DID. OR US-6626025-\$.DID. OR US-6640644-\$.DID. OR US-6644095-\$.DID. OR US-6658429-\$.DID. OR US-6661162-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:35
S37	2	US-6664067-\$.DID. OR US-6928877-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 10:36
S38	86	(S31 S32 S33 S34 S35 S36 S37) and vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 11:39
S39	1	(S31 S32 S33 S34 S35 S36 S37) and vibrat\$4 and "ASIC"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 11:39
S40	19	("6155098").URPN.	USPAT	OR	ON	2008/06/26 12:35

S41	185	("20010010174"   "20020064649"   "20020068488"   "20020070841"   "20020074897"   "20020092340"   "20020113596"   "20020121132"   "20020137348"   "20020148529"   "20020162385"   "20020162390"   "20020178787"   "20020178805"   "20020194906"   "20030000291"   "20030041653"   "20030041659"   "20030062910"   "20030083825"   "20030116497"   "20030118078"   "20030119060"   "20030124028"   "20030145647"   "20030179002"   "20030213292"   "20030222656"   "3273377"   "3329004"   "3622968"   "3710275"   "3718032"   "3745384"   "3762197"   "3778757"   "3902365"   "3903732"   "3921622"   "3926271"   "4103224"   "4145922"   "4312228"   "4342936"   "4349881"   "4361026"   "4370662"   "4391338"   "4526480"   "4535620"   "4543829"   "4549427"   "4596697"   "4602505"   "4624129"   "4644803"   "4696181"   "4721874"   "4729237"   "4734609"   "4741200"   "4760351"   "4767719"   "4779451"   "4782332"   "4783987"   "4802370"   "4802384"   "4812698"   "4862384"   "4890480"   "4893496"   "4904978"   "4910523"   "4922745"   "4970492"   "5006845"   "5179028"   "5191791"   "5201215"   "5204529"   "5224174"   "5235844"   "5253530"   "5283037"   "5296374"   "5306644"   "5325704"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 13:17
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		"5332961"   "5334900"   "5338416"   "5357964"   "5361632"   "5375470"   "5421190"   "5434650"   "5435170"   "5445008"   "5454045"   "5455475"   "5464509"   "5469369"   "5477726"   "5488866"   "5524477"   "5524636"   "5531091"   "5533402"   "5571401"   "5571952"   "5604441"   "5622223"   "5653939"   "5661233"   "5670709").PN. OR ("5698089"   "5705399"   "5734098"   "5741961"   "5741962"   "5744902"   "5770038"   "5776359"   "5777210"   "5789665"   "5792938"   "5798452"   "5818731"   "5827952"   "5852229"   "5885849"   "5889351"   "5915499"   "5918354"   "5959297"   "5985356"   "6023961"   "6034775"   "6041642"   "6044694"   "6126311"   "6151123"   "6155098"   "6157449"   "6175409"   "6176323"   "6182499"   "6223589"   "6247354"   "6260407"   "6260408"   "6265226"   "6269686"   "6275137"   "6286363"   "6294388"   "6296771"   "6306358"   "6311549"   "6327890"   "6336353"   "6371640"   "6386053"   "6393895"   "6401519"   "6407479"   "6412131"   "6441716"   "6456096"   "6459995"   "6494079"   "6509749"   "6511915"   "6519034"   "6535001"   "6536634"   "6545392"   "6557396"   "6564126"   "6626025"   "6640644"   "6644095"   "6661162"). PN.				
S42	5	("3734119"   "4799378"   "5067344"   "5201215"   "5571952").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/26 13:20
S43	17	("6269686").URPN.	USPAT	OR	ON	2008/06/26 13:21
S44	2	"737223".ap.	US-PGPUB	OR	ON	2008/06/26 13:53

S45	3	"2004086003"	EPO; DERWENT	OR	ON	2008/06/26 15:18
S46	1	2004-737350.NRAN.	DERWENT	OR	ON	2008/06/26 15:19
S47	5	("3734119"   "4799378"   "5067344"   "5201215"   "5571952").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 08:00
S48	17	("6269686").URPN.	USPAT	OR	ON	2008/07/07 08:00
S49	10	("5243756").URPN.	USPAT	OR	ON	2008/07/07 08:10
S50	10	("5243756").URPN.	USPAT	OR	ON	2008/07/07 08:13
S51	5	("4123308"   "4847731"   "4874915"   "5037779"   "5121706").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 08:13
S52	152	(73/54.24).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:46
S53	103	(73/24.05).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:46
S54	531	(73/32A).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:46
S55	120	(73/54.25).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:47
S56	47	(73/54.26).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:47
S57	233	(73/54.41).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:48
S58	103	(73/24.05).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:48
S59	262	(73/30.01).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:49

S60	765	(73/32R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 08:49
S61	166	(S52 S53 S54 S55 S56 S57 S58 S59 S60) and (coating protect\$3 near3 (cover\$3 layer\$3 sheath\$3 shell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 09:07
S62	41	(S52 S53 S54 S55 S56 S57 S58 S59 S60) and (protect \$3 near3 (cover\$3 layer\$3 sheath\$3 shell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 09:08
S63	30	(US-20070052970-\$ or US- 20040250622-\$ or US- 20070245811-\$ or US- 20050178202-\$ or US- 20030000291-\$).did. or (US-6269686-\$ or US- 5243756-\$ or US-6494079- \$ or US-6536259-\$ or US- 7171849-\$ or US-7100427- \$ or US-6196057-\$ or US- 4361026-\$ or US-5179028- \$ or US-5571401-\$ or US- 5531091-\$ or US-6182499- \$ or US-6126311-\$ or US- 6023961-\$ or US-6336353- \$ or US-6286363-\$ or US- 4644803-\$ or US-6155098- \$ or US-5477726-\$ or US- 7210332-\$ or US-5405808- \$ or US-5037779-\$ or US- 7350367-\$ or US-6231811- \$ or US-5877411-\$).did.	US-PGPUB; USPAT	OR	ON	2008/07/07 09:20
S64	2	(US-2003000291-\$ or US- 4644803-\$ or US-6155098- \$).did.	US-PGPUB; USPAT	OR	ON	2008/07/07 09:20
S65	0	"2003000291"	US-PGPUB; USPAT	OR	ON	2008/07/07 09:22
S66	33	Kolosov.in.	US-PGPUB	OR	ON	2008/07/07 09:22
S67	14	("4644803").URPN.	USPAT	OR	ON	2008/07/07 09:26
S68	236521	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 09:28
S69	5	("3734119"   "4799378"   "5067344"   "5201215"   "5571952").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 09:30
S70	17	("6269686").URPN.	USPAT	OR	ON	2008/07/07 09:32

S71	2439	S68 and (resonator vibrat \$3 tuning adj fork cantilever reed oscillat\$3 surface adj acoustic adj wave dis\$2) and (protect \$3 near3 (cover\$3 layer\$3 sheath\$3 shell)) not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 09:34
S72	60	S71 and (resonator vibrat \$3 tuning adj fork cantilever reed oscillat\$3 surface adj acoustic adj wave dis\$2) with (protect \$3 near3 (cover\$3 layer\$3 sheath\$3 shell)) same (substrate base platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 09:37
S73	2	("2004/0250622").URPN.	USPAT	OR	ON	2008/07/07 09:47
S74	17	("6269686").URPN.	USPAT	OR	ON	2008/07/07 10:03
S75	8287	(resonator vibrat\$3 tuning adj fork cantilever reed oscillat\$3 surface adj acoustic adj wave dis\$2) with (protect\$3 near3 (cover\$3 layer\$3 sheath\$3 shell)) same (substrate base platform) not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 10:06
S76	6904	S75 and (resonator vibrat \$3 tuning adj fork cantilever reed oscillat\$3 surface adj acoustic adj wave dis\$2) with (protect \$3 near3 (cover\$3 layer\$3 sheath\$3 shell)) with (substrate base platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 10:07
S77	314	S75 and (resonator tuning adj fork cantilever oscillat \$3 surface adj acoustic adj wave) with (protect\$3 near3 (cover\$3 layer\$3 sheath\$3 shell)) with (substrate base platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 10:10
S78	233	S75 and (resonator tuning adj fork cantilever oscillat \$3 surface adj acoustic adj wave) with (protect\$3 near3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 10:12

S79	34	(resonator tuning adj fork cantilever oscillat\$3 surface adj acoustic adj wave) with (protect\$3 near3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 10:27
S80	33	(resonator vibrat\$3 tuning adj fork cantilever reed oscillat\$3 surface adj acoustic adj wave dis\$2) with (protect\$3 near3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator) not S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 10:38
S81	1	(resonator vibrat\$3 tuning adj fork cantilever reed oscillat\$3 surface adj acoustic adj wave dis\$2) with (protect\$3 near3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same (microcircuit microchip silicon adj chip electronic adj circuit) not S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 10:52
S82	7	S68 and (resonator tuning adj fork cantilever oscillat\$3 surface adj acoustic adj wave) and (protect\$3 near3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 11:25
S83	598	(resonator tuning adj fork cantilever oscillat\$3 surface adj acoustic adj wave) and (protect\$3 near3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator) not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 11:27



S84	660	(resonator tuning adj fork cantilever oscillat\$3 surface adj acoustic adj wave) and (protect\$3 near\$3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator) not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 11:28
S85	593	(resonator tuning adj fork cantilever oscillat\$3 surface adj acoustic adj wave) and (protect\$3 near\$3 (layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator) not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/07 11:29
S86	35	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-\$ or US-5877411-\$ or US-5559291-\$).did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$).did. or (DE-19507786-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/02/12 15:16
S87	18	S86 and ("ASIC" integrated adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/12 15:16
S88	6	S86 and ("ASIC" )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/12 15:16

S89	0	("2007/0052970").URPN.	USPAT	OR	ON	2009/02/12 15:29
S90	2	("2004/0250622").URPN.	USPAT	OR	ON	2009/02/12 15:31
S91	240241	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:36
S92	7	S91 and (resonator tuning adj fork cantilever oscillat \$3 surface adj acoustic adj wave) and (protect\$3 near\$3 (covering layer\$3 sheath\$3 shell)) with (substrate base platform) same ("IC" "ASIC" integrated adj circuit circuitry chip processor oscillator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:36
S93	316	(73/54.24-54.27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:37
S94	9	S93 and ("ASIC" integrated adj circuit) same (temperature gate adj array calibration adj unit resistor conduct\$3 adj (path line lead) capacitor amplifier filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/12 15:37
S95	153	(73/54.24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S96	105	(73/24.05).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S97	541	(73/32A).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S98	121	(73/54.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S99	49	(73/54.26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38

S100	240	(73/54.41).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S101	105	(73/24.05).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S102	262	(73/30.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S103	774	(73/32R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 15:38
S104	43	(S95 S96 S97 S98 S99 S100 S101 S102 S103) and (protect\$3 near3 (cover\$3 layer\$3 sheath\$3 shell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/12 15:38
S105	153	(73/54.24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S106	105	(73/24.05).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S107	541	(73/32A).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S108	121	(73/54.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S109	49	(73/54.26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S110	240	(73/54.41).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S111	105	(73/24.05).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S112	262	(73/30.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02

S113	774	(73/32R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:02
S114	230	(S105 S106 S107 S108 S109 S110 S111 S112 S113) and ((resist\$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 09:02
S115	165	S114 and (sensor transducer) and ((resist\$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 09:03
S116	92	S114 and (sensor transducer) same ((resist \$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 09:03
S117	240241	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:15
S118	417	S117 and (sensor transducer) with (resonator vibration\$2 flexural) same ((resist\$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 09:17
S119	401	S117 and (sensor transducer) with (resonator vibration\$2 flexural) same ((resist\$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing)) not S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 09:18
S120	180	(gas air fluid) with (sensor transducer) with (resonator vibration\$2 flexural) same ((resist\$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing)) not S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 09:27

S121	194	("20010010174"   "20020064649"   "20020068488"   "20020070841"   "20020074897"   "20020092340"   "20020113596"   "20020121132"   "20020137348"   "20020148529"   "20020162385"   "20020162390"   "20020178787"   "20020178805"   "20020190814"   "20020194906"   "20030000291"   "20030041653"   "20030041659"   "20030062910"   "20030083825"   "20030116497"   "20030118078"   "20030119060"   "20030124028"   "20030145647"   "20030179002"   "20030213292"   "20030222656"   "3273377"   "3622968"   "3710275"   "3718032"   "3762197"   "3778757"   "3902365"   "3903732"   "3921622"   "3926271"   "4103224"   "4145922"   "4282499"   "4302694"   "4312228"   "4342936"   "4349881"   "4361026"   "4370662"   "4391338"   "4445066"   "4526480"   "4535620"   "4543829"   "4549427"   "4596697"   "4602505"   "4624129"   "4644803"   "4696181"   "4721874"   "4729237"   "4734609"   "4741200"   "4760351"   "4767719"   "4779451"   "4782332"   "4783987"   "4802370"   "4802384"   "4812698"   "4862384"   "4890480"   "4893496"   "4904978"   "4910523"   "4922745"   "4970492"   "5006845"   "5179028"   "5191791"   "5201215"   "5204529"   "5224174"   "5235844"   "5253530"   "5283037"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 10:30
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"5296374"	"5306644"
"5325704"	"5332961"
"5334900"	"5338416"
"5357964"	"5361632"
"5375470"	"5421190"
"5434650"	"5435170"
"5438231"	"5445008"
"5454045"	"5455475"
"5464509"	"5469369"
"5477726"	"5488866"
"5524477"	"5524636"
"5528924"	"5531091"
"5533402"	"5571401"
"5571952"	"5604441")
PN. OR ("5622223"	
"5653939"	"5661233"
"5670709"	"5698089"
"5705399"	"5734098"
"5741961"	"5741962"
"5744902"	"5770038"
"5776359"	"5777210"
"5789665"	"5792938"
"5798452"	"5818731"
"5827952"	"5852229"
"5885849"	"5889351"
"5915499"	"5918354"
"5936159"	"5959297"
"5985356"	"6023961"
"6034775"	"6041642"
"6044694"	"6126311"
"6151123"	"6155098"
"6157449"	"6175409"
"6176323"	"6182499"
"6223589"	"6247354"
"6260407"	"6260408"
"6265226"	"6269686"
"6275137"	"6286363"
"6294388"	"6296771"
"6306358"	"6311549"
"6327890"	"6336353"
"6371640"	"6393895"
"6401519"	"6407479"
"6412131"	"6441716"
"6456096"	"6459995"
"6494079"	"6507945"
"6509749"	"6511915"
"6519034"	"6535001"
"6536634"	"6545392"
"6557396"	"6557419"
"6564126"	"6626025"
"6640644"	"6644095"
"6658429"	"6661162"
"6664067"	"6928877"
"6936837")	PN.

S122	44	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$ or US-20030233886-\$ or US-20030053516-\$ or US-20020092340-\$ or US-20020064649-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-\$ or US-5877411-\$ or US-5559291-\$).did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$ or US-7254990-\$ or US-6575020-\$ or US-6490911-\$ or US-6047590-\$ or US-4760351-\$).did. or (DE-19507786-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/02/13 13:03
S123	37	S122 and ("ASIC" integrated adj circuit circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 13:03
S124	15	S122 and ("ASIC" integrated adj circuit circuit) with (substrate base wafer platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 13:04
S125	17	S122 and ("ASIC" integrated adj circuit circuit \$2) with (substrate base wafer platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 13:04

S126	44	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$ or US-20030233886-\$ or US-20030053516-\$ or US-20020092340-\$ or US-20020064649-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-\$ or US-5877411-\$ or US-5559291-\$).did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$ or US-7254990-\$ or US-6575020-\$ or US-6490911-\$ or US-6047590-\$ or US-4760351-\$).did. or (DE-19507786-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/02/13 16:05
S127	17	S126 and ("ASIC" integrated adj circuit circuit \$2) with (substrate base wafer platform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:05
S128	10	S127 and ("ASIC" integrated adj circuit circuit \$2) with (substrate base wafer platform) and (flexural tuning adj fork vibrator vibrational)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:14
S129	232	fitzgerald.xp.	USPAT	OR	ON	2009/02/14 15:49



S130	44	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$ or US-20030233886-\$ or US-20030053516-\$ or US-20020092340-\$ or US-20020064649-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-\$ or US-5877411-\$ or US-5559291-\$).did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$ or US-7254990-\$ or US-6575020-\$ or US-6490911-\$ or US-6047590-\$ or US-4760351-\$).did. or (DE-19507786-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/02/15 17:13
S131	7	S130 and (protective cover \$3 heat moisture) with (layer coating) same (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:16
S132	194	("20010010174"   "20020064649"   "20020068488"   "20020070841"   "20020074897"   "20020092340"   "20020113596"   "20020121132"   "20020137348"   "20020148529"   "20020162385"   "20020162390"   "20020178787"   "20020178805"   "20020190814"   "20020194906"   "20030000291"   "20030041653"   "20030041659"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/15 17:19

"20030062910"	
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"20030116497"	
"20030118078"	
"20030119060"	
"20030124028"	
"20030145647"	
"20030179002"	
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S133	9	S132 and (protective cover \$3 heat moisture) with (layer coating) same (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:19
S134	240241	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/15 17:23
S135	743	S134 and (sensor transducer) same (protective cover\$3 heat moisture) with (layer coating) same (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:24
S136	221	S135 and (sensor transducer) same (protective) with (layer coating) same (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:26

S137	78	S136 and (sensor transducer) same (protective) with (layer coating) with (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:27
S138	64	S137 and (sensor transducer) with (protective) with (layer coating) with (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:27
S139	21	S135 and (sensor transducer) with (protective) with (film) with (circuit chip "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:36
S140	7	S134 and (sensor transducer) with (protective) with (layer coating film) with (circuit adj board chip near2 set "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:38
S141	83	(sensor transducer) with (protective) with (layer coating film) with (circuit adj board chip near2 set "ASIC") not S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:39
S142	180	(sensor transducer) with (protective) with (layer coating film) with (circuit adj board chip near2 set "ASIC" integrated adj circuit) not S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:39
S143	97	S142 not S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:44
S144	53	S134 and (protect\$3) with (layer coating film) with (circuit adj board chip near2 set "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 17:46
S146	5837	(protect\$3) with (layer coating film) with (circuit adj board "ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 18:05
S147	69	(protect\$3) with (layer coating film) with ("ASIC")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 18:05
S148	14399	(protect\$3) with (layer coating film) with ("chip")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 18:07

S149	178	(protect\$3) with (layer coating film) with (circuit adj board) with moisture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/15 18:07
S150	17	("20020029900"   "5295044"   "5327325"   "5586388"   "5689089"   "5706180"   "6180045"   "6303860"   "6307749"   "6355881"   "6380487"   "6384332"   "6407925"   "6583355"   "6665192"   "6707678"   "7026548"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/15 18:08
S151	51	(US-20070052970-\$ or US- 20040250622-\$ or US- 20070245811-\$ or US- 20050178202-\$ or US- 20030000291-\$ or US- 20030233886-\$ or US- 20030053516-\$ or US- 20020092340-\$ or US- 20020064649-\$ or US- 20020029900-\$).did. or (US-6269686-\$ or US- 5243756-\$ or US-6494079- \$ or US-6536259-\$ or US- 7171849-\$ or US-7100427- \$ or US-6196057-\$ or US- 4361026-\$ or US-5179028- \$ or US-5571401-\$ or US- 5531091-\$ or US-6182499- \$ or US-6126311-\$ or US- 6023961-\$ or US-6336353- \$ or US-6286363-\$ or US- 4644803-\$ or US-6155098- \$ or US-5477726-\$ or US- 7210332-\$ or US-5405808- \$ or US-5037779-\$ or US- 7350367-\$ or US-6231811- \$ or US-5877411-\$ or US- 5559291-\$).did. or (US- 7294540-\$ or US-5693884- \$ or US-5610335-\$ or US- 7254990-\$ or US-6575020- \$ or US-6490911-\$ or US- 6047590-\$ or US-4760351- \$ or US-6176131-\$ or US- 4945634-\$ or US-6389690- \$ or US-6082894-\$ or US- 5959247-\$).did. or (DE- 19507786-\$).did. or (JP- 04297992-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/16 12:27

S152	2	S151 and faraday adj cage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 12:27
S153	10	faraday adj (cage shield) and ("ASIC" integrated adj circuit) same (temperature near3 (sensor transducer sensing adj element detect \$3)) and (vibrating vibrational flexural vibration cantilever resonator vibrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 12:28
S154	240241	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/16 12:30
S155	1	S154 and faraday adj (cage shield) and (sensor transducer) with (resonator vibration\$2 flexural) same ((resist\$3 protect\$3 preserve buffer wall) with (cover\$3 layer\$3 sheath\$3 shell housing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 12:30
S156	15	S154 and faraday adj (cage shield) and (sensor transducer) with (resonator vibration\$2 flexural)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 12:30
S157	52	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$ or US-20030233886-\$ or US-20030053516-\$ or US-20020092340-\$ or US-20020064649-\$ or US-20020029900-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/16 15:30

		\$ or US-5877411-\$ or US-5559291-\$.did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$ or US-7254990-\$ or US-6575020-\$ or US-6490911-\$ or US-6047590-\$ or US-4760351-\$ or US-6176131-\$ or US-4945634-\$ or US-6389690-\$ or US-6082894-\$ or US-5959247-\$ or US-4602498-\$.did. or (DE-19507786-\$.did. or (JP-04297992-\$.did.				
S158	7	S157 and tuning adj fork and (oil lubricant machine near4 fluid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 15:30
S159	471	fitzgerald.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 15:48
S160	5	fitzgerald.xa. and tuning adj fork	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 15:48
S161	2	lec.in. and oil adj quality	USPAT; EPO; DERWENT	OR	ON	2009/02/16 15:54
S162	15	US-20020194906-\$.DID. OR US-20020178805-\$.DID. OR US-20020178787-\$.DID. OR US-20020162385-\$.DID. OR US-20020148529-\$.DID. OR US-20020137348-\$.DID. OR US-20020121132-\$.DID. OR US-20030119060-\$.DID. OR US-20030118078-\$.DID. OR US-20030116497-\$.DID. OR US-20020113596-\$.DID. OR US-20020092340-\$.DID. OR US-20030083825-\$.DID. OR US-20020074897-\$.DID. OR US-20020070841-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55

S163	33	US-20020068488-\$.DID. OR US-20020064649-\$. DID. OR US-20030062910- \$.DID. OR US- 20030041659-\$.DID. OR US-20030041653-\$.DID. OR US-20010010174-\$. DID. OR US-20030000291- \$.DID. OR US-3273377-\$. DID. OR US-3710275-\$. DID. OR US-3718032-\$. DID. OR US-3762197-\$. DID. OR US-3778757-\$. DID. OR US-3902365-\$. DID. OR US-3903732-\$. DID. OR US-3921622-\$. DID. OR US-3926271-\$. DID. OR US-4103224-\$. DID. OR US-4145922-\$. DID. OR US-4312228-\$. DID. OR US-4342936-\$. DID. OR US-4349881-\$. DID. OR US-4361026-\$. DID. OR US-4370662-\$. DID. OR US-4391338-\$. DID. OR US-4526480-\$. DID. OR US-4535620-\$. DID. OR US-4543829-\$. DID. OR US-4549427-\$. DID. OR US-4596697-\$. DID. OR US-4602505-\$. DID. OR US-4624129-\$. DID. OR US-4644803-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55
S164	32	US-4696181-\$.DID. OR US- 4721874-\$.DID. OR US- 4729237-\$.DID. OR US- 4734609-\$.DID. OR US- 4741200-\$.DID. OR US- 4760351-\$.DID. OR US- 4767719-\$.DID. OR US- 4779451-\$.DID. OR US- 4782332-\$.DID. OR US- 4783987-\$.DID. OR US- 4802370-\$.DID. OR US- 4802384-\$.DID. OR US- 4812698-\$.DID. OR US- 4862384-\$.DID. OR US- 4890480-\$.DID. OR US- 4893496-\$.DID. OR US- 4904978-\$.DID. OR US- 4910523-\$.DID. OR US- 4922745-\$.DID. OR US- 4970492-\$.DID. OR US- 5006845-\$.DID. OR US- 5179028-\$.DID. OR US- 5191791-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55



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S165	32	US-5332961-\$.DID. OR US- 5334900-\$.DID. OR US- 5338416-\$.DID. OR US- 5357964-\$.DID. OR US- 5361632-\$.DID. OR US- 5375470-\$.DID. OR US- 5421190-\$.DID. OR US- 5434650-\$.DID. OR US- 5435170-\$.DID. OR US- 5445008-\$.DID. OR US- 5454045-\$.DID. OR US- 5455475-\$.DID. OR US- 5464509-\$.DID. OR US- 5469369-\$.DID. OR US- 5477726-\$.DID. OR US- 5488866-\$.DID. OR US- 5524477-\$.DID. OR US- 5524636-\$.DID. OR US- 5531091-\$.DID. OR US- 5533402-\$.DID. OR US- 5571401-\$.DID. OR US- 5604441-\$.DID. OR US- 5622223-\$.DID. OR US- 5653939-\$.DID. OR US- 5661233-\$.DID. OR US- 5670709-\$.DID. OR US- 5698089-\$.DID. OR US- 5705399-\$.DID. OR US- 5734098-\$.DID. OR US- 5741961-\$.DID. OR US- 5744902-\$.DID. OR US- 5770038-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55
S166	32	US-5776359-\$.DID. OR US- 5777210-\$.DID. OR US- 5789665-\$.DID. OR US- 5792938-\$.DID. OR US- 5798452-\$.DID. OR US- 5818731-\$.DID. OR US- 5827952-\$.DID. OR US- 5852229-\$.DID. OR US- 5885849-\$.DID. OR US- 5889351-\$.DID. OR US- 5915499-\$.DID. OR US- 5918354-\$.DID. OR US- 5959297-\$.DID. OR US- 5985356-\$.DID. OR US- 6023961-\$.DID. OR US- 6034775-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55

		6041642-\$.DID. OR US- 6044694-\$.DID. OR US- 6126311-\$.DID. OR US- 6151123-\$.DID. OR US- 6155098-\$.DID. OR US- 6157449-\$.DID. OR US- 6175409-\$.DID. OR US- 6176323-\$.DID. OR US- 6182499-\$.DID. OR US- 6223589-\$.DID. OR US- 6247354-\$.DID. OR US- 6260407-\$.DID. OR US- 6260408-\$.DID. OR US- 6265226-\$.DID. OR US- 6269686-\$.DID. OR US- 6275137-\$.DID.				
S167	32	US-6286363-\$.DID. OR US- 6294388-\$.DID. OR US- 6296771-\$.DID. OR US- 6306358-\$.DID. OR US- 6311549-\$.DID. OR US- 6327890-\$.DID. OR US- 6336353-\$.DID. OR US- 6371640-\$.DID. OR US- 6393895-\$.DID. OR US- 6401519-\$.DID. OR US- 6406632-\$.DID. OR US- 6407479-\$.DID. OR US- 6412131-\$.DID. OR US- 6441716-\$.DID. OR US- 6456096-\$.DID. OR US- 6459995-\$.DID. OR US- 6494079-\$.DID. OR US- 6507945-\$.DID. OR US- 6509749-\$.DID. OR US- 6511915-\$.DID. OR US- 6519034-\$.DID. OR US- 6535001-\$.DID. OR US- 6536634-\$.DID. OR US- 6545392-\$.DID. OR US- 6557396-\$.DID. OR US- 6564126-\$.DID. OR US- 6622968-\$.DID. OR US- 6626025-\$.DID. OR US- 6640644-\$.DID. OR US- 6644095-\$.DID. OR US- 6658429-\$.DID. OR US- 6661162-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55
S168	2	US-6664067-\$.DID. OR US- 6928877-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 15:55
S169	86	(S162 S163 S164 S165 S166 S167 S168) and vibrat \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 15:55

S170	53	(US-20070052970-\$ or US-20040250622-\$ or US-20070245811-\$ or US-20050178202-\$ or US-20030000291-\$ or US-20030233886-\$ or US-20030053516-\$ or US-20020092340-\$ or US-20020064649-\$ or US-20020029900-\$).did. or (US-6269686-\$ or US-5243756-\$ or US-6494079-\$ or US-6536259-\$ or US-7171849-\$ or US-7100427-\$ or US-6196057-\$ or US-4361026-\$ or US-5179028-\$ or US-5571401-\$ or US-5531091-\$ or US-6182499-\$ or US-6126311-\$ or US-6023961-\$ or US-6336353-\$ or US-6286363-\$ or US-4644803-\$ or US-6155098-\$ or US-5477726-\$ or US-7210332-\$ or US-5405808-\$ or US-5037779-\$ or US-7350367-\$ or US-6231811-\$ or US-5877411-\$ or US-5559291-\$).did. or (US-7294540-\$ or US-5693884-\$ or US-5610335-\$ or US-7254990-\$ or US-6575020-\$ or US-6490911-\$ or US-6047590-\$ or US-4760351-\$ or US-6176131-\$ or US-4945634-\$ or US-6389690-\$ or US-6082894-\$ or US-5959247-\$ or US-4602498-\$).did. or (DE-19507786-\$ or WO-9801739-\$).did. or (JP-04297992-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/02/16 15:55
S171	35	S170 not (S162 S163 S164 S165 S166 S167 S168)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/16 15:56

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L24	6	(73/54.41).OCLS.	UPAD	OR	OFF	2010/01/04 06:23
L25	2	(73/53.05).OCLS.	UPAD	OR	OFF	2010/01/04 06:23
L26	0	(73/64.42).OCLS.	UPAD	OR	OFF	2010/01/04 06:23

**1/ 4/ 10 6:47:57 AM****C:\ Documents and Settings\ JFitzgerald\ My Documents\ EAST\ Workspaces\ 73\ 10 series**

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